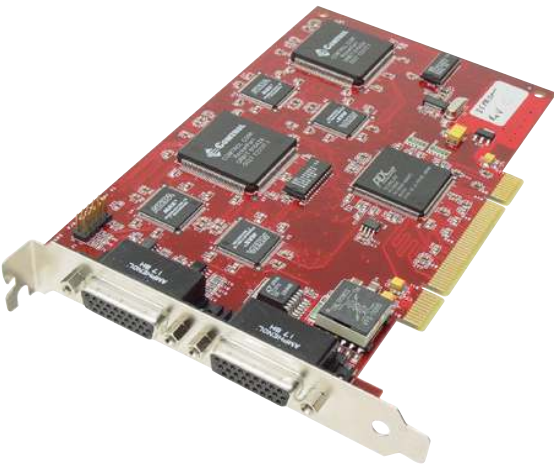




RocketPort® uPCI 32-Port

Part Number: 99356-8



ROCKETPORT

KEY FEATURES AND BENEFITS

- Universal PCI design supporting 3.3 and 5.0 Volt bus architectures - ensures compatibility with all current PCI bus architectures
- I/O mapping capabilities - simplifies installation, eliminates memory conflicts, and enables plug-and-play compatibility
- 32-port serial expansion utilizing a single PCI slot - delivers large scale serial port expansion
- Standard IT rackmount RJ45 and surge protected DB25 interfaces available - provides compatibility with existing rackmount equipment and harsh environments
- On-board dedicated 36MHz RISC processor - minimizes "host" CPU utilization
- Support for RS-232 and RS-422 interfaces on each port - provides more options and enhanced compatibility
- Transmit buffers 16 times larger, and receive buffers 64 times larger than a 16550 UART - helps ensure smooth, efficient data transfer
- Robust driver support - enables card to work seamlessly with popular operating systems
- RoHS2 compliant under CE

PRODUCT DESCRIPTION

The RocketPort uPCI 32-Port serial expansion card is compatible with all current 3.3 and 5.0 Volt PCI bus architectures. It provides 32 "native" serial ports utilizing a single 32- or 64-bit PCI card slot and an external serial interface module sold separately that supports RS-232 or RS-422 serial communications at speeds up to 230 Kbps. Individual serial ports on the same interface module can be configured for either RS-232 or RS-422 serial communication. External interfaces modules with additional surge protection are also available.

RocketPort products are designed with larger transmit-and-receive buffers than those of a 16550 UART found in typical PC serial ports and low-end serial cards, enabling them to handle the transmission of large amounts of data reliably and efficiently. They also utilize an on-board 36MHz processor, minimizing host CPU utilization. RocketPort products do not require the assignment of interrupts, simplifying installation and eliminating conflicts with other server cards. Drivers are available for popular operating systems. The product is fully RoHS 2 compliant under CE.



ROCKETPORT SPECIFICATIONS

HARDWARE

Maximum Cards/System	4
Product Weight	0.32 lbs
Packaged Shipping Weight	1.82 lbs

ELECTRICAL SPECIFICATIONS

Surge Protection	25KV @200A for 1ns
Device Requirements	Depends on interface
Device Consumption	Depends on interface

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0 to 45°C
Storage Temperature	-20 to 85°C
Operating Humidity (Non-condensing)	20% to 80%
Altitude	0 to 10,000 Ft
Heat Output	56.37 BTU/Hr

Mean time between failures	17.9 Years
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DEVICE DRIVERS

QNX 6.X
 QNX 4.X
 SCO OpenServer 5
 Free BSD 4
 Free BSD 5
 Linux
 Microsoft® Windows® 7
 Microsoft® Windows® 2008 Server
 Microsoft® Windows® Vista
 Microsoft® Windows Server® 2003
 Microsoft® Windows® XP
 Microsoft® Windows NT® 4.0 (Legacy)
 Microsoft® Windows® 2000 (Legacy)

SERIAL COMMUNICATIONS

Bus Interface	3.3 or 5.0 Volt PCI
Serial Interfaces	RS-232/RS-422
Baud Rates	300 to 230.4Kbps
Serial Connectors	Depends on interface
Data Bits	7 or 8
Parity	Odd, Even, None
Stop Bits	1 or 2
Flow Control	Hardware/Software

EXPORT INFORMATION

UPC Code	7-56727-99356-8
Packaged Shipping Weight	1.8 lbs 0.82 kg
Package Dimensions	10.25" x 2.6" x 7.5" 260.4 x 66 x 190.5 mm
ECCN	EAR99
Schedule B	8471.80.1000

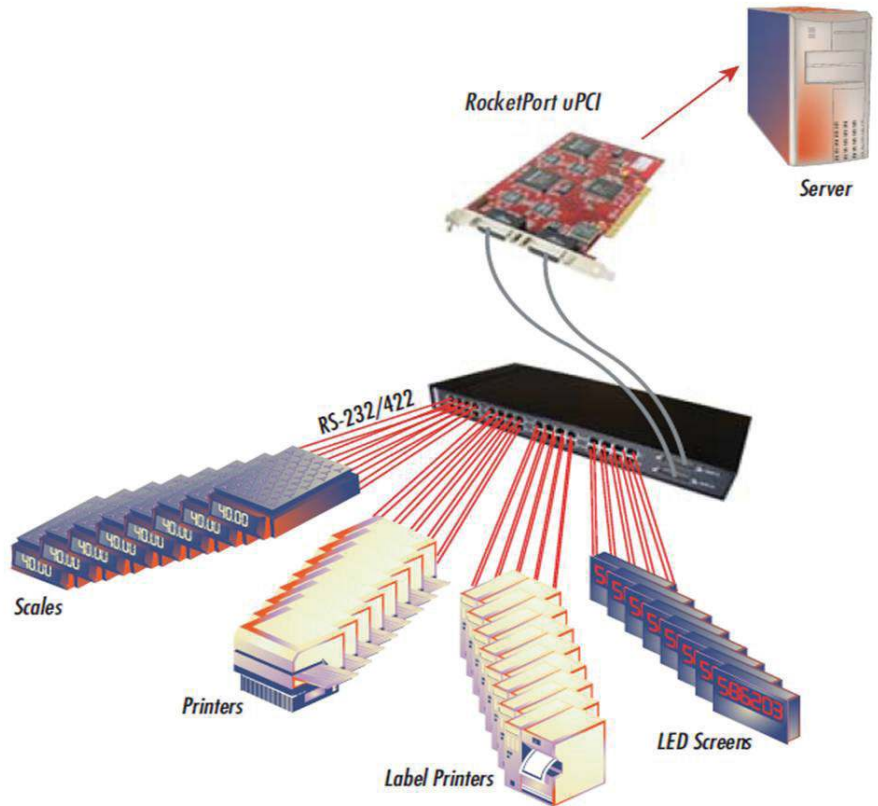
REGULATORY STANDARDS

Immunity
 European Standard EN55024
 IEC 1000-4-2/EN61000-4-2: ESD
 IEC 1000-4-3/EN61000-4-3: RF
 IEC 1000-4-4/EN61000-4-4: Fast Transient
 IEC 1000-4-5/EN61000-4-5: Surge
 IEC 1000-4-6/EN61000-4-6: Conducted Disturbance
 IEC 1000-4-8/EN61000-4-8: Magnetic Field
 IEC 1000-4-11/EN61000-4-11: Dip and Voltage

Emission
 Canadian EMC Requirements ICES-003
 European Standard EN55022
 FCC Part 15 Subpart B: Class B limit
 AS/NZS CISPR 22

Safety
 IEC 60950/EN60950
 CSA C22.2 No. 60950/UL60950, Third Edition
 European Standard: RoHS 2 compliant under CE
 Country of Origin USA

REGULATORY APPROVALS



Warranty Information

Comtrol offers a 30-day satisfaction guarantee and 5-year limited warranty.

Sales Support

+1.763.957.6000
 sales@comtrol.com

Technical Support

+1.763.957.6000
 www.comtrol.com/
 support

Email, FTP, and Web Support

info@comtrol.com
 ftp.comtrol.com
 www.comtrol.com